

FIG. 1(RELATED ART)

FIG. 2A (RELATED ART)

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LL. HL LH HH

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FIG. 2B (RELATED ART)

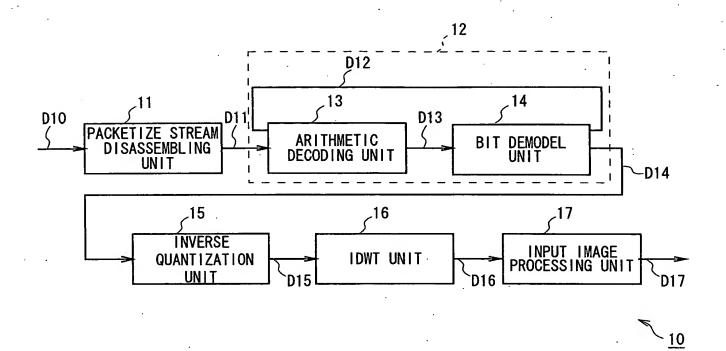


FIG. 3(RELATED ART)

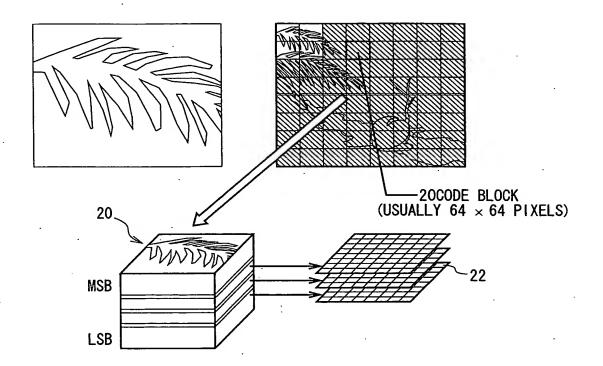
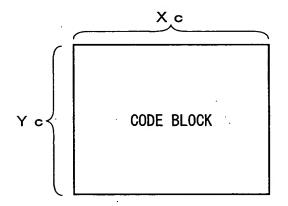


FIG. 4



Xc AND Yc ARE POWERS OF 2 \cdot 4 \leq X c \leq 1024, 4 \leq Y c \leq 1024 \cdot X c \times Y c \leq 4096

FIG. 5

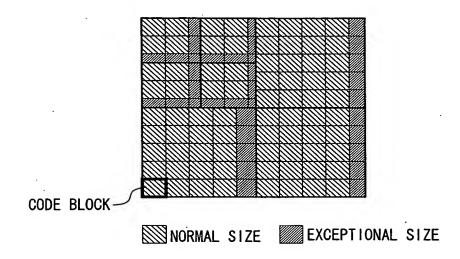


FIG. 6

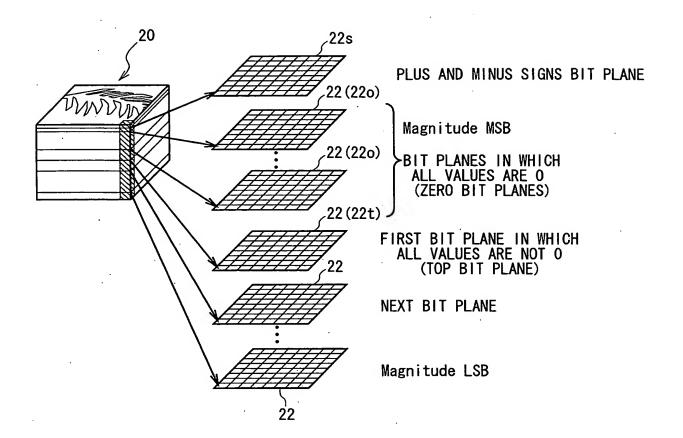


FIG. 7

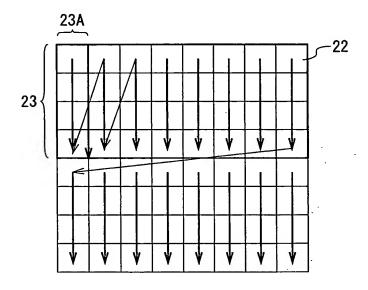


FIG. 8

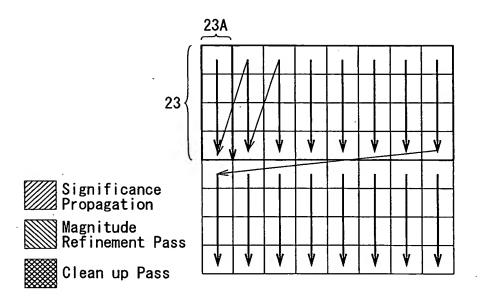


FIG. 9

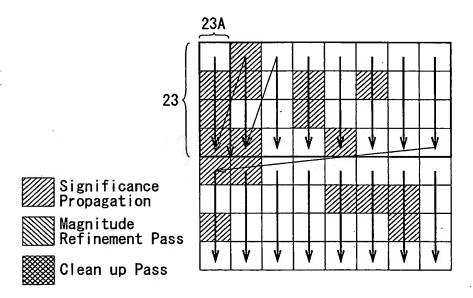


FIG. 10

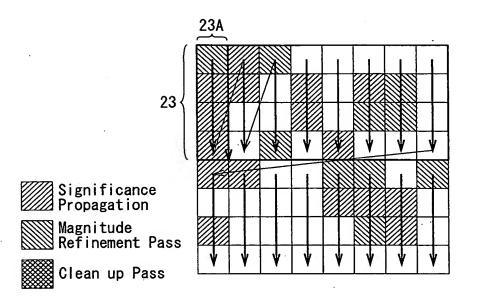


FIG. 11

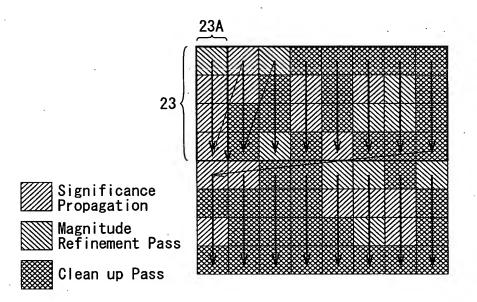


FIG. 12

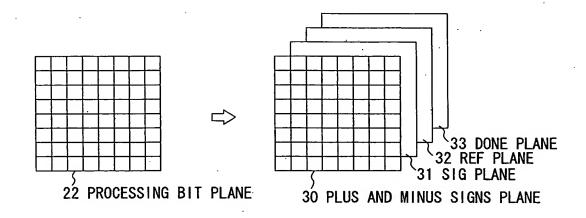


FIG. 13

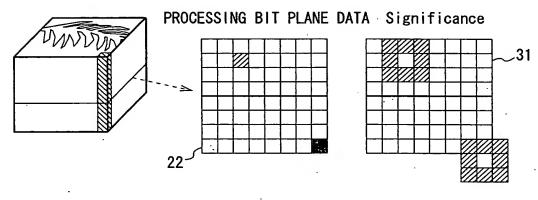


FIG. 14A

FIG. 14B

FIG. 14C

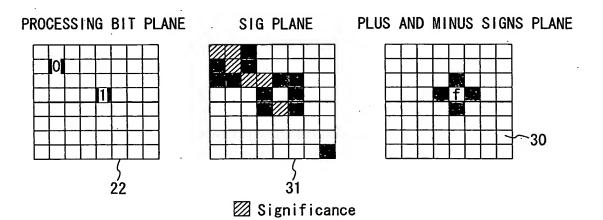


FIG. 15A

FIG. 15B

FIG. 15C

CONDITIONS	Context	Symbol
DATA, WHICH IS INSIGNIFICANT ITSELF AND IN THE VICINITY OF WHICH SIGNIFICANT EXISTS, IS O	Cx	0
DATA, WHICH IS INSIGNIFICANT ITSELF AND IN THE VICINITY OF WHICH SIGNIFICANT EXISTS, IS 1	Сх	1
CHANCE TO SIGNIFICANT WITH DATA OF 1 AND	Sign cx	f

FIG. 15D

	OR L		HL (COMPON	ENT	нн сомро	NENT	СХ	ВІТ
ΣΗ	Σ۷	ΣD	ΣΗ	Σ۷	ΣD	$\Sigma H + \Sigma V$	ΣD	5 /1	
2	-	-	_	2	_	<u>.</u>	>=3	8	
1	>=1	1	>=1	1	-	>=1	. 2	7	
1	0	>=1	0	1	>=1	0	2	6	
1	0	0	.0	1	0	>=2	1	5	
0	2 .	-	2	0 .		1	1	4	X
0	1		1	0	_	0	1	3	
. 0	0	>=2	0	0	·>=2	>=2	0	2	
0	0	1	0	0	1	1	0	1	
0	0	0	0	0	. 0	0	0	0	

FIG. 16

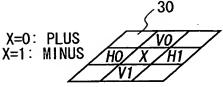


FIG. 17A

PLUS MINUS	/V0/ H0/X/H1/ V1/
	PLUS MINUS

H値	V値	CX	XR
1	1	13	
1	0	12	
1	-1	11	0
0	1	10	
0	0	. 9	
0	-1	10	
-1	1	11	1
-1	0	12	'
-1	-1	13	ļ

VALUE

1

0

-1

BIT=X xor XR

FIG. 17B

{SIGNIFICANT OF PLUS, SIGNIFICANT OF PLUS} {SIGNIFICANT OF PLUS, INSIGNIFICANT}

{SIGNIFICANT OF MINUS, SIGNIFICANT OF MINUS}

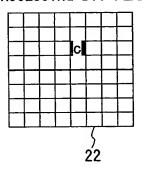
INSIGNIFICANT)

(VO, V1) {SIGNIFICANT OF PLUS, SIGNIFICANT OF MINUS} {HO, H1} {INSIGNIFICANT, INSIGNIFICANT}

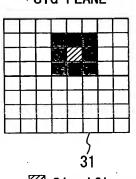
FIG. 17C



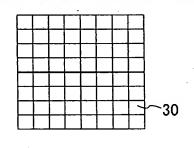
SIGNIFICANT OF MINUS.



SIG PLANE



PLUS AND MINUS SIGNS PLANE



Significance

FIG. 18A

FIG. 18B

FIG. 18C

CONDITION	Cx	bit
CHANGE OF SIGNIFICANT DATA TO BIT MODEL CHANGE TO MR PASS FOR THE FIRST TIME WHEN CHANGED TO SIGNIFICANT	Cx	С

FIG. 18D

FIG. 19A

$\Sigma H + \Sigma V + \Sigma D$	PERTINENT COEFFICIENT IS ENCODED WITH THIS PASS FIRST	Сх	BIT
Don't care	No	16	
>=1	Yes	15	Х
==0	Yes	14	

FIG. 19B

DO	VO	D1
НО		Н1
D2	V۱	D3

 ΣD is the number of significant ones in DO-3

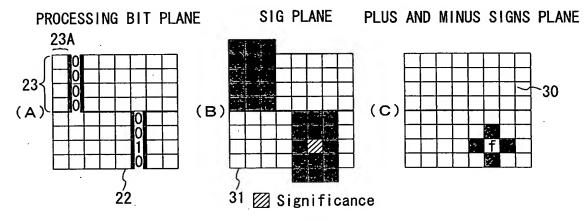
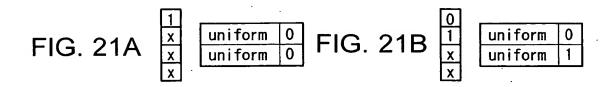


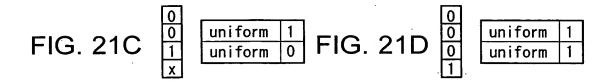
FIG. 20A

FIG. 20B

FIG. 20C

CONDITIONS	Cx	bit
ALL DATA OF STRIPE ARE O, AND ALL CORRESPONDING VICINITIES ARE NOT SIGNIFICANT	run	С
	run	С
		С
AT LEAST ONE OF DATA OF STRIPE IS 1, THERE IS NO SIGNIFICANT IN THE VICINITY CHANGE TO SIGNIFICANT WITH DATA OF 1 ISAME PROCESSING AS SP PASS IS PERFORMED AFTER	uniform	С
	Sign CX	f
THAT	CX	0





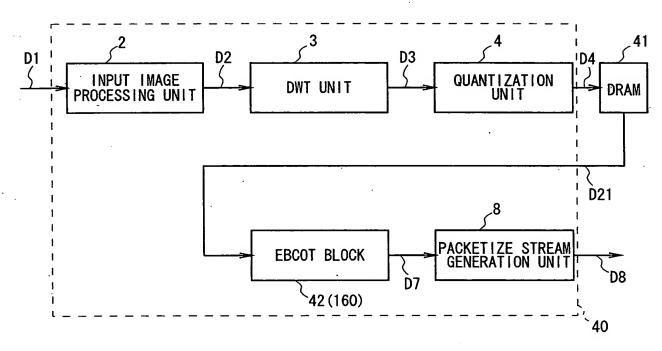
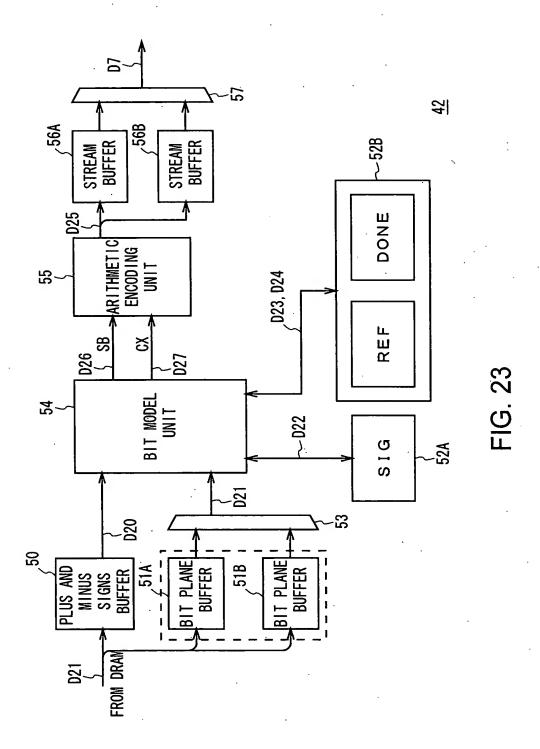


FIG. 22



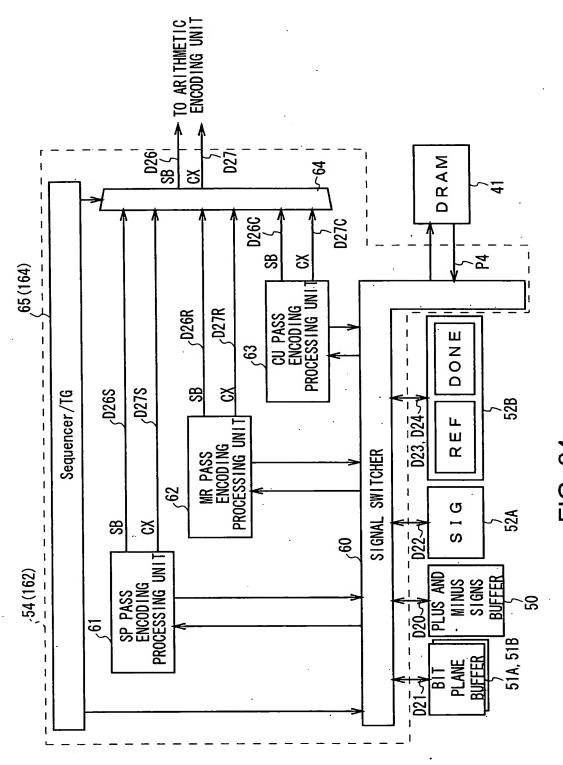
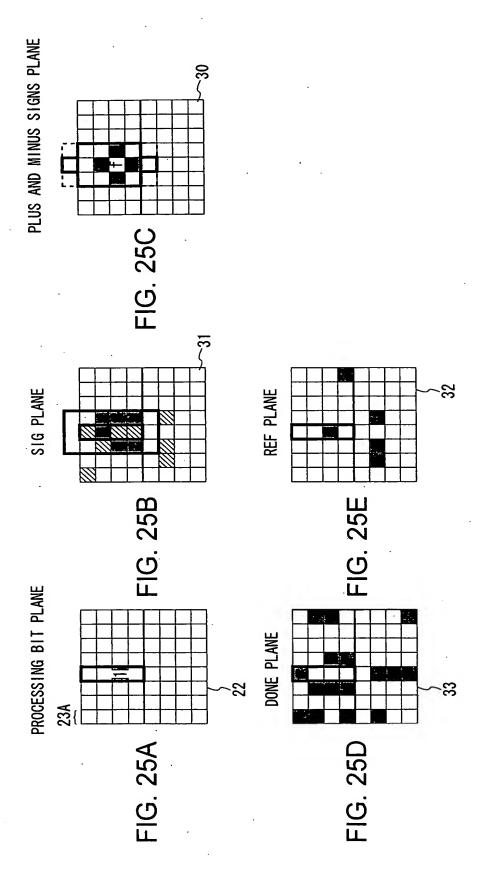


FIG. 24



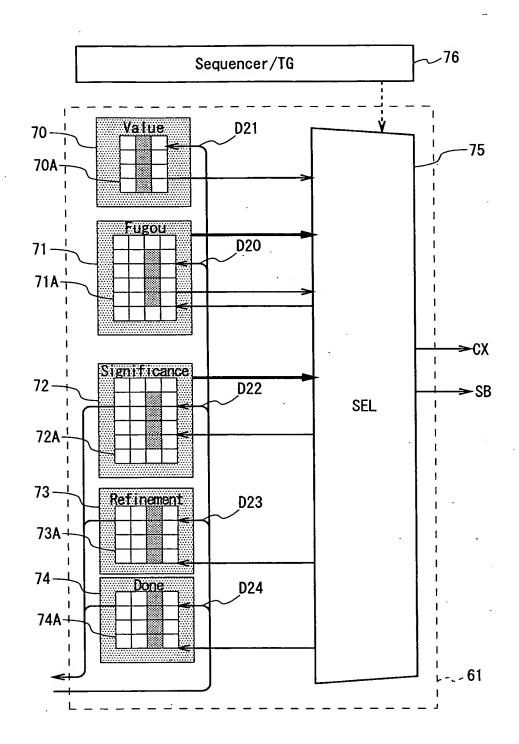


FIG. 26

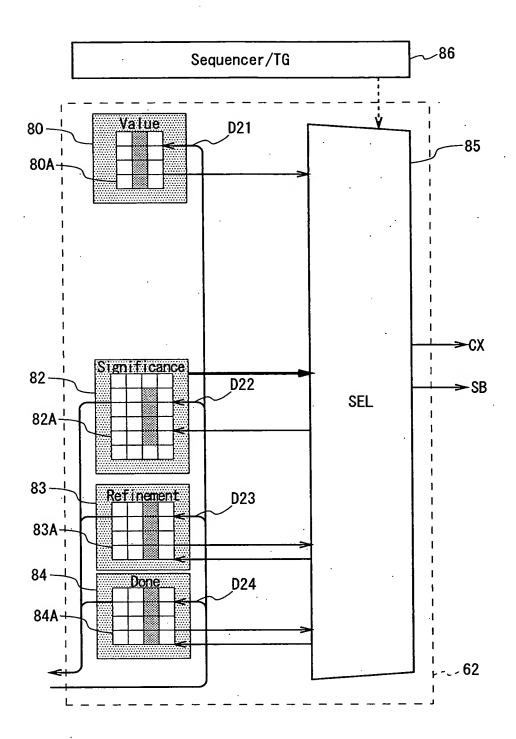


FIG. 27

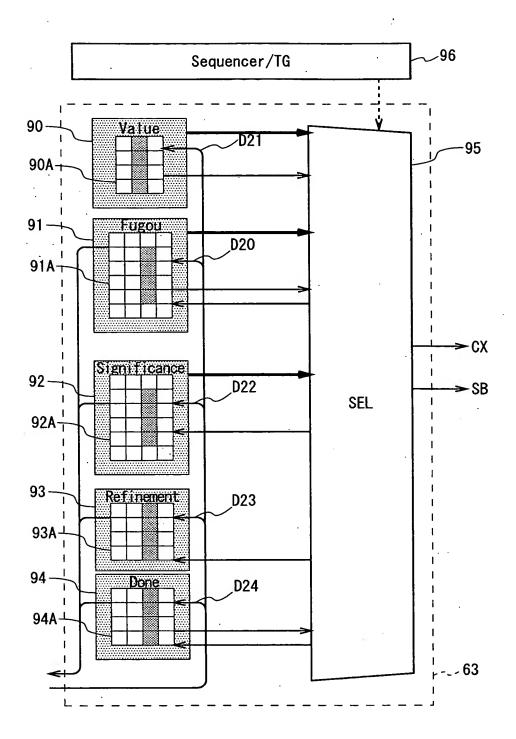


FIG. 28

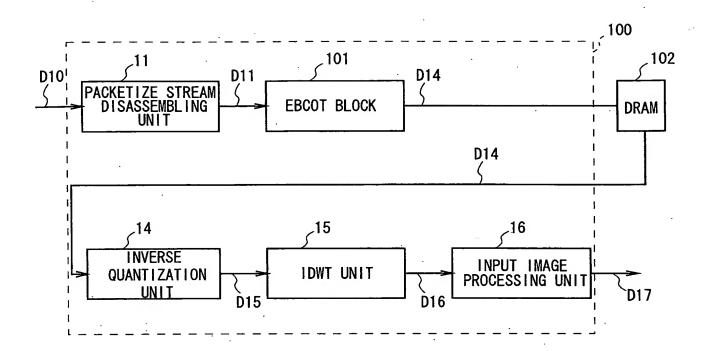


FIG. 29

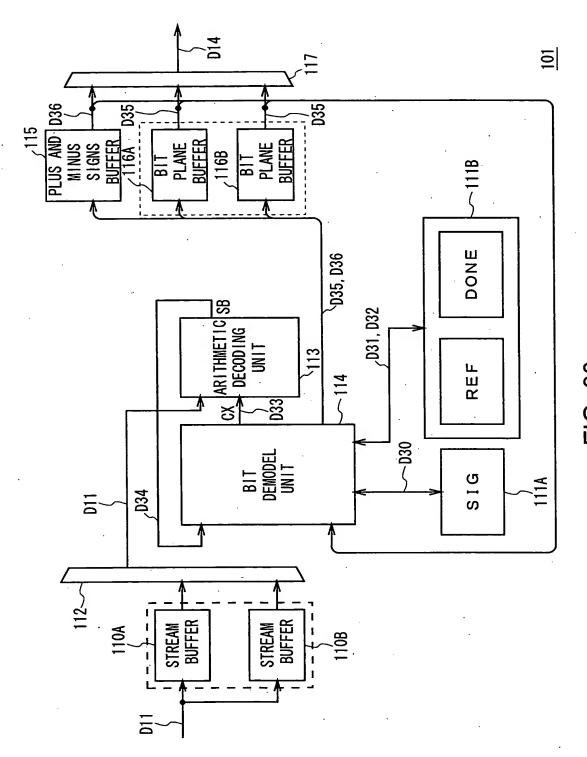


FIG. 30

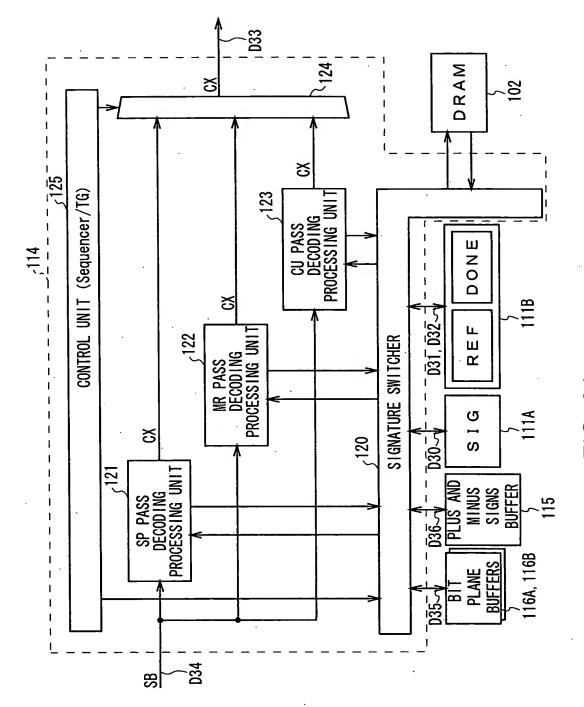


FIG. 31

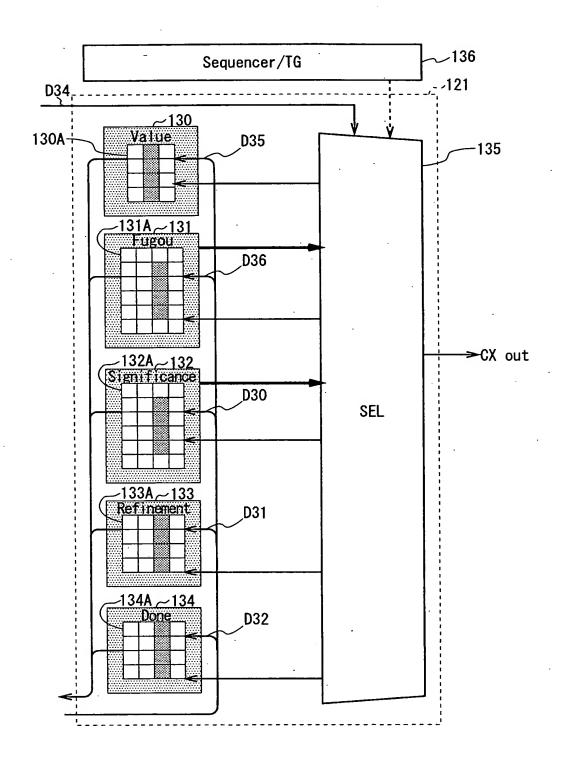


FIG. 32

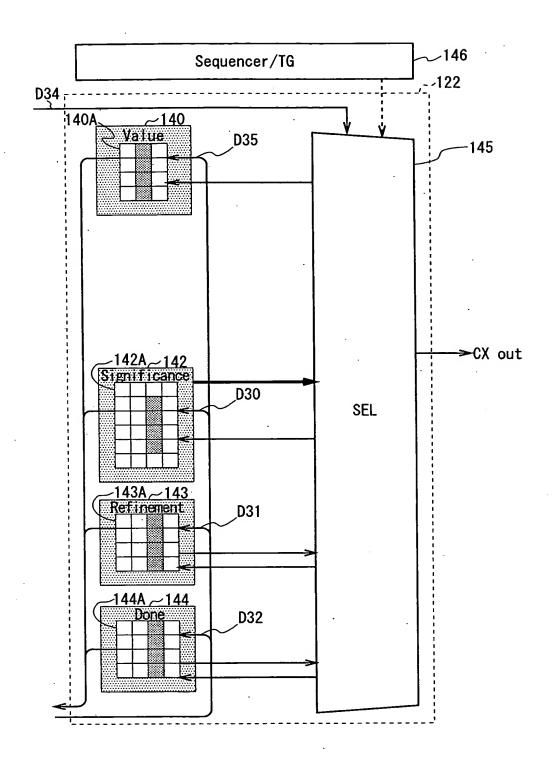


FIG. 33

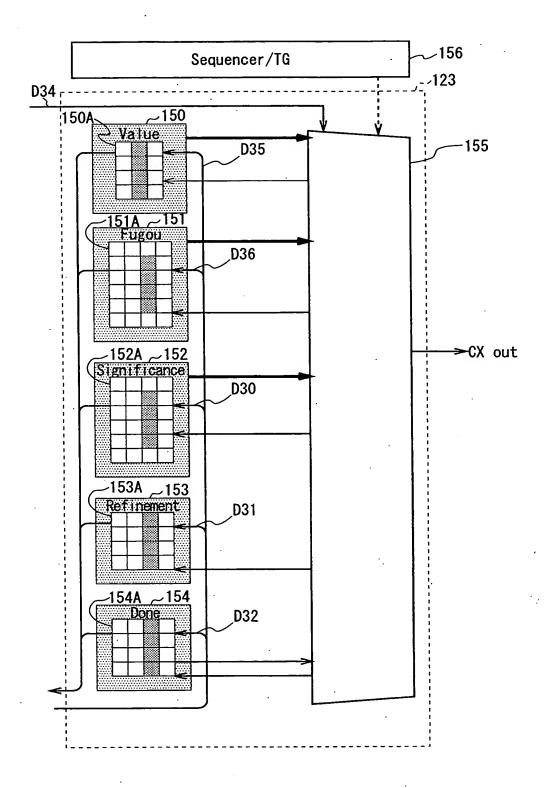
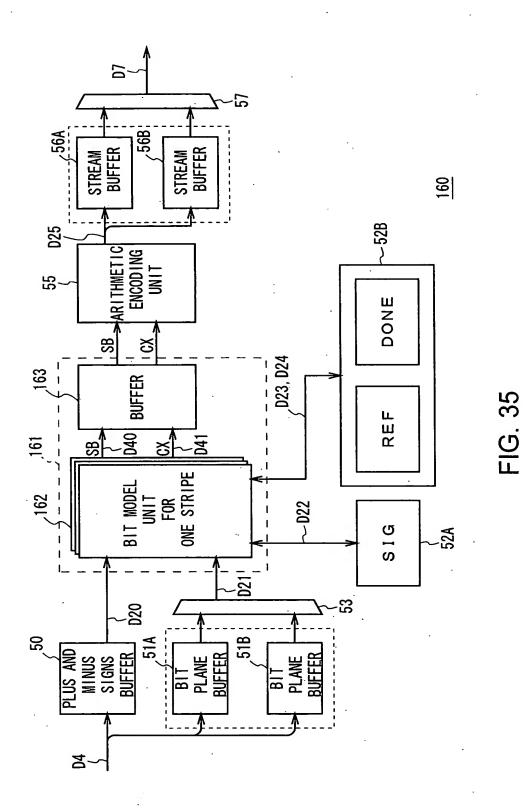


FIG. 34



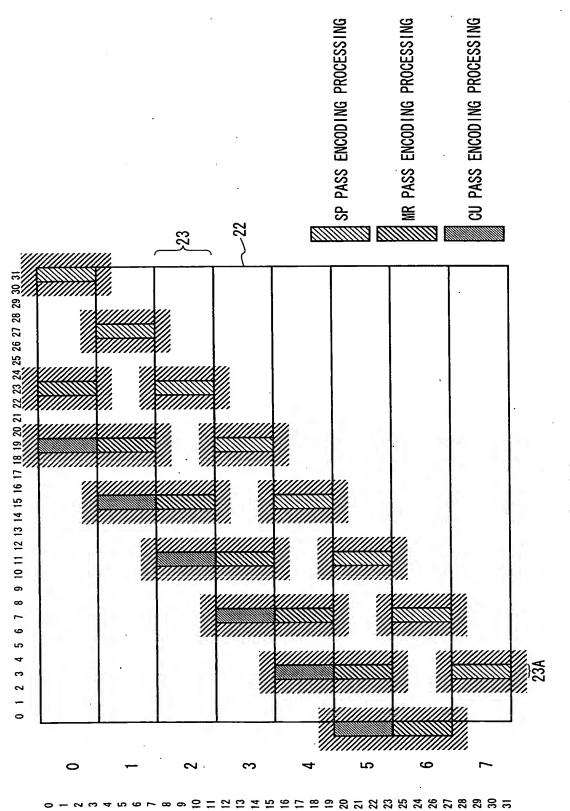


FIG. 36

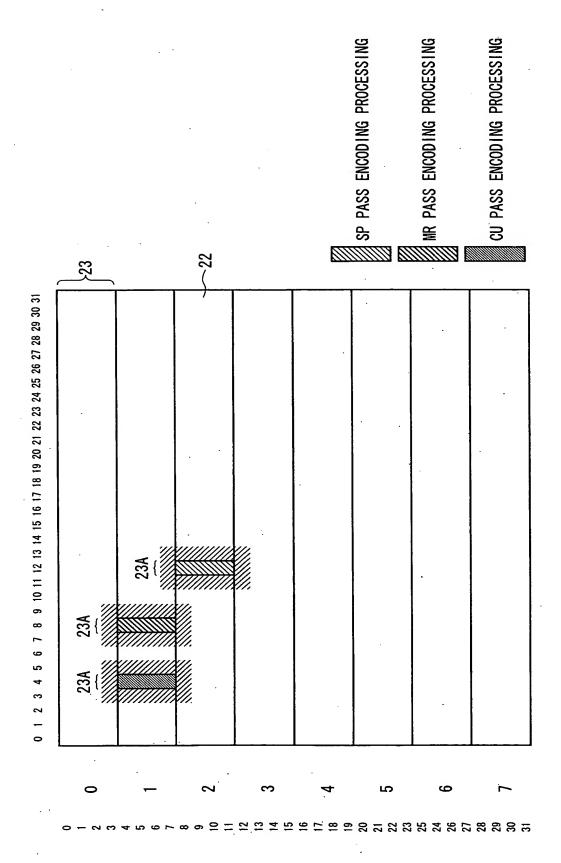


FIG. 37

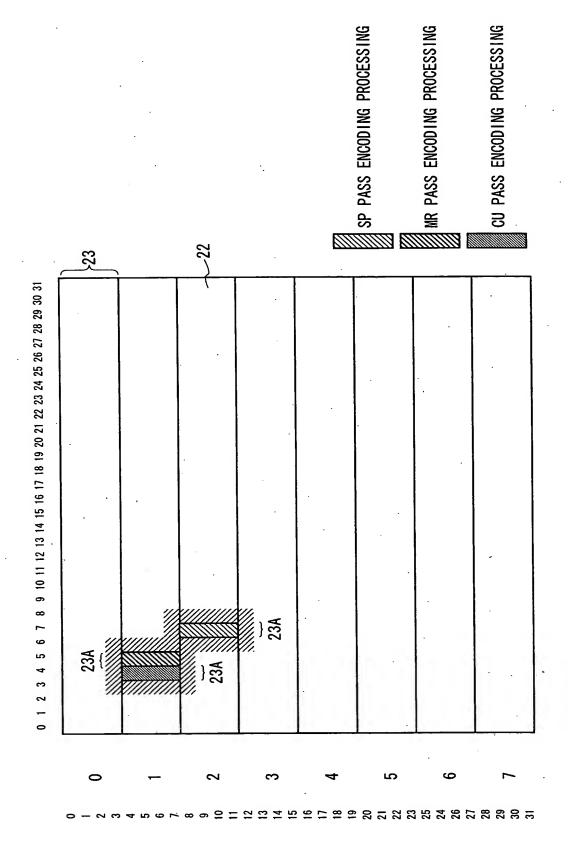


FIG. 38

